

Rikako Yamada

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EDUCATION

San Jose State University – *San Jose, CA*
Bachelor of Sciences in Computer Science

Expected graduation: May 2023

- Advanced Data Structures and Algorithms, Mobile Android Development, Database Management, Introduction to Artificial Intelligence, Information Security, and Operating Systems

TECHNICAL SKILLS SUMMARY

Languages: Java, C++, Python, C, HTML, CSS, JavaScript, Node.js

Frameworks: Bootstrap, Flask

Software & Tools: GitHub, Docker, Jira, Racket, Slack, Adobe XD

Operating Systems: Windows, Linux, Ubuntu, MacOS, Android, iOS, Cross-Platform

Databases: SQL, MySQL

EXPERIENCE

Kurumi Japanese School – *Pleasant Hill, CA*

May 2018 – June 2020

Teaching Assistant

- Taught 5- to 12-year-old kids Japanese writing, reading, and speaking
- Took the initiative in organizing events and activities to create an enjoyable learning environment

ACADEMIC PROJECTS

Game Developer

June 2022 – Oct 2022

Fellow

- Developed a multiplayer game that allows over 50 simultaneous games of tic tac toe
- Implemented an API using Python and used open-source libraries such as pickle, socket, and numpy
- Utilized sockets in Python to establish client and server-side connections and successfully allow single moves played in each round
- Designed exception handling after successful testing with students to ensure constant uptime by 60%

Movie Review Classifier

March 2022 – present

Fellow

- Designed a sentiment predictor for movies using AI classification algorithms in Java
- Built a custom classifier that categorizes movie reviews into negative and positive groups
- Trained a Naïve Bayesian Model based on the number of occurrences of selected words and applied it to the classifier to improve the accuracy score by 90%
- Utilized several data structures such as HashMap to improve the runtime by 50%

Movie Reservation System

Sep 2021– Dec 2021

Fellow

- Prototyped movie reservation system allowing customers to reserve and purchase movie tickets
- Demonstrated OOP to enable reusability, code readability, and maintainability by 70%
- Thoroughly documented proof of concepts, user stories, and test cases

HONORS & AWARDS | SKILLS & INTERESTS

Skills: testing, debugging, diligence, problem solving, interpersonal interaction

Interests: gaming, reading, photography, sports, exercise

Languages: Fluent English, Fluent Spanish, Native Japanese